



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hans Eberle and Neil C. Wilhelm
 Title: SWITCHED NETWORK FOR LOW LATENCY COMMUNICATION

Application No.: 09/540,730 Filed: March 31, 2000

Examiner: Levitan, Dmitry Group Art Unit: 2662

Atty. Docket No.: 004-4255 Confirmation No.: 1940

February 8, 2005

Mail Stop Amendment
 COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT
37 C.F.R. § 1.97(c)

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings to the Examiner's attention in the above-identified application the patents, publications, applications or other information identified in the attached:

- ☒ Form(s) PTO/SB/08A (1 page(s), with copy of 3 reference(s)).
- ☒ Form(s) PTO/SB/08B (2 page(s), with copy of 17 reference(s)).
- ☐ Listing of Pending Applications (N/A page(s), with copy of no application(s)).
- ☐ Other: N/A

Citation of such information shall not be construed as (i) an admission that the information necessarily is, or corresponds to, prior art with respect to the instant invention, (ii) a representation that a search has been made, other than as described herein, or (iii) an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance through (i) an English language abstract, (ii) an English language equivalent application, or (iii) if cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that indicates the degree of relevance found by the foreign office.

02/15/2005 AWONDAF1 00000123 09540730

01 FC:1806

180.00 OP

CERTAIN COPIES NOT INCLUDED

Pursuant to operative regulations, certain copies need not be provided and corresponding information is identified in this Information Disclosure Statement by citation only. In particular,

- ☒ In accordance with 37 C.F.R. § 1.98(a)(2)(ii), copies of cited U.S. Patents and U.S. Patent Application Publications are not included.
- ☐ Certain information was submitted to, or cited by, the Office in Application No(s). N/A, filed N/A, to which the above-identified application claims priority under 35 U.S.C. § 120. In accordance with 37 C.F.R. § 1.98(d), copies of that information are not included.
- ☐ Pursuant to 1287 OG 163 (October 19, 2004), for those cited pending U.S. patent applications filed (or which entered the national stage under 35 U.S.C. § 371) on or after June 30, 2003 or which are otherwise stored in the USPTO's Image File Wrapper system, copies are not included.

FEE AUTHORIZATION

The undersigned believes that this Information Disclosure Statement is being filed before the mailing date of (i) a final action under § 1.113, (ii) a notice of allowance under § 1.311 or (iii) an action that otherwise closes prosecution. Accordingly, this Information Disclosure Statement is accompanied by the fee set forth in § 1.17(p) as follows:

- ☒ A check in the amount of \$180.00 is enclosed herewith.
- ☐ The undersigned hereby authorizes the Commissioner to charge the fee set forth in § 1.17(p) to Deposit Account No. n/a.

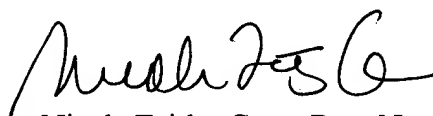
CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that, on the date shown below, this correspondence is being

- ☒ deposited with the US Postal Service with sufficient postage as first class mail, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
- ☐ facsimile transmitted to the US Patent and Trademark Office.

Nicole Teitler Cave 2/8/05
Nicole Teitler Cave Date

Respectfully submitted,



Nicole Teitler Cave, Reg. No. 54,021
Attorney for Applicant(s)
(512) 338-6315
(512) 338-6301 (fax)

EXPRESS MAIL LABEL: _____

PTO/SB/08A (Substitute for form 1449/PTO)		Attorney Docket No.: 004-4255	
		Application No.: 09/540,730	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Hans Eberle	
(Use several sheets if necessary)		Filing Date: March 31, 2000	
		Group Art Unit: 2662	
		Examiner Name: Levitan, Dmitry	
		Date Submitted: February 8, 2005	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US-4,792,944	12-20-1988	Takahashi et al.	
	AB	US-5,566,182	10-15-1996	Gantner et al.	
	AC	US-5,577,035	11-19-1996	Hayter et al.	
	AD	US-5,838,681	11-17-1998	Bonomi et al.	
	AE	US-6,067,300	05-23-2000	Baumert et al.	
	AF	US-6,304,578 B1	10-16-2001	Fluss	
	AG	US-6,404,756 B1	06-11-2002	Whitehill et al.	
	AH	US-6,728,243 B1	04-27-2004	Jason, Jr. et al.	
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
	AI	EP 0 868 054 A2	09-30-1998	Greene et al.		
	AJ	EP 1 096 387 A1	05-02-2001	Macchi et al.		
	AK	WO 00/29956	05-25-2000	Stracovsky et al.		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

PTO/SB/08B (Substitute for form 1449/PTO)		Attorney Docket No.: 004-4255	
		Application No.: 09/540,730	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Hans Eberle	
(Use several sheets if necessary)		Filing Date: March 31, 2000	
		Group Art Unit: 2662	
		Examiner Name: Levitan, Dmitry	
		Date Submitted: February 8, 2005	
NON PATENT LITERATURE DOCUMENTS			
Examiner Initial*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AL	BODEN, NANETTE J., et al., "Myrinet: A Gigabit-per-Second Local Area Network," IEEE Micro, February 1995, pp. 29-36.	
	AM	MARTIN COLLIER AND TOMMY CURRAN, "Cell-Level Path Allocation in a Three-Stage ATM Switch," Communications, 1994, ICC 94, SUPERCOMM/ICC '94, Conference Record, Conference on Serving Humanity Through Communications, IEEE International, Vol. 2, May 1-5, 1994, pp. 1179-1183.	
	AN	MARTIN COLLIER AND TOMMY CURRAN, "Path Allocation in a Three-Stage Broadband Switch with Intermediate Channel Grouping," INFOCOM '93, Proceedings Twelfth Annual Joint Conference of the IEEE Computer and Communications Societies, Networking: Foundation for the Future, IEEE, Vol. 3, March 28 - April 1, 1993, pp. 927-934.	
	AO	CHUN, BRENT N., et al., "Virtual Network Transport Protocols For Myrinet," IEEE Micro, Volume 18, No. 1, January/February 1998, pp. 53-63.	
	AP	CHUN, BRENT N., et al., "Virtual Network Transport Protocols for Myrinet," Computer Science Division, University of California at Berkeley, August 20, 1997, pp. 1-14.	
	AQ	DALLY, WILLIAM J., "Virtual-Channel Flow Control," IEEE, 1990, pp. 60-68.	
	AR	KAROL, MARK J., "Input Versus Output Queueing on a Space-Division Packet Switch," IEEE Transactions on Communications, Vol. COM-35, No. 12, December 1987, pp. 1347-1356.	
	AS	KRONENBERG, NANCY P., et al., "VAXclusters: A Closely-Coupled Distributed System," ACM Transactions on Computer Systems, Vol. 4, No. 2, May 1986, pp. 130-146.	
	AT	MAINWARING, ALAN and CULLER, DAVID, "Active Message Applications Programming Interface and Communication Subsystem Organization," Draft Technical Report, Computer Science Division University of California at Berkeley, Technical Report UCB CSD-96-918, Oct. 1996, pp. 1-45.	
	AU	MAINWARING, ALAN and CULLER, DAVID "Design Challenges of Virtual Networks: Fast, General-Purpose Communication", ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming (PPOPP), Atlanta, GA, May 4-6, 1999.	
	AV	PAKIN, SCOTT, et al., "Fast Messages: Efficient, Portable Communication for Workstation Clusters and MPPs", IEEE Concurrency, April-June 1997, pp. 60-73.	
	AW	SCOTT, STEVEN L., "Synchronization and Communication in the T3E Multiprocessor", Cray Research, Inc., 1996, pp. 26-36.	
	AX	SCOTT, STEVEN L. and THORSON, GREGORY M., "The Cray T3E Network: Adaptive Routing in a High Performance 3D Torus", HOT Interconnects IV, Stanford University, Aug. 15-16, 1996, pp. 1-10.	
	AY	TAMIR YUVAL and CHI, HSIN-CHOU "Symmetric Crossbar Arbiters for VLSI Communication Switches", IEEE Transactions on Parallel and Distributed Systems, Vol. 4, No. 1, 1993, pp. 13-27.	
	AZ	SUN MICROSYSTEMS, INC., "The Sun Enterprise Cluster Architecture Technical White Paper", 1997, pp. 1-74.	
Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

PTO/SB/08B (Substitute for form 1449/PTO)		Attorney Docket No.: 004-4255	
		Application No.: 09/540,730	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		First Named Inventor: Hans Eberle	
(Use several sheets if necessary)		Filing Date: March 31, 2000	
		Group Art Unit: 2662	
		Examiner Name: Levitan, Dmitry	
		Date Submitted: February 8, 2005	
NON PATENT LITERATURE DOCUMENTS			
Examiner Initial*	Cite No. ³	Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁴
	BA	IBM, "JES2 Introduction", Document No. GC28-1794-02, Third Edition, September 1997, pp. 1-51.	
	BB	ANSI, "Information Technology – Scheduled Transfer Protocol (ST)", T11.1/Project 1245-D/Rev. 3.6, Jan. 31, 2000, pp. 1-97.	
Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

³ Applicant's unique citation designation number (optional).

⁴ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.